

Numeric field lengths in the draft Data Coding Manual

The draft Data Coding Manual lists field attributes for each field on the Data Input Transactions, including the field lengths for numeric fields. In a few instances, however, the fields in the data base are bigger than the numbers allowed on the transactions by the system edits. For these cases, the field attributes are misleading, even though correct. Future versions of the Data Coding Manual will include editing rules along with the field attributes to make the manual clearer. In the meantime, you can use the Data Input Transaction Formats which contain the formatting rules for all of the fields on the transactions. They are included as an appendix to the Data Coding Manual.

Here is a table of the field lengths that may be misleading. **Use the data input format value when coding transactions.**

TT	Field	Data Coding Manual *	Data Input Format **
AA	Latitude	numeric (14,6)	number 2.6 signed
	Longitude	numeric (15,6)	number 3.6 signed
	UTM Zone	numeric (12,0)	number 2.0
	UTM Easting	numeric (10,2)	number 8.2
	UTM Northing	numeric (10,2)	number 8.2
	LDP Source Scale	numeric (12,0)	number 12.0
	LDP Measurement Accuracy Value	numeric (10,2)	number 8.2
	Congressional District	numeric (12,0)	must exist on table
	Distance to City	numeric (10,2)	number 8.2
	Distance to Meteorological Site	numeric (10,2)	number 8.2
AB	Tangent Street Number	numeric (12,0)	number 2.0
	Traffic Count	numeric (12,0)	number 12.0
	Source of Traffic Count	numeric (10,0)	must exist on table
AC	Open Path Number	2 digit number	number 2.0
	Beam Length	numeric (10,2)	number 8.2
	Height of Transmitter	numeric (10,2)	number 8.2
	Height of Receiver	numeric (10,2)	number 8.2
	Minimum Height	numeric (10,2)	number 8.2
	Maximum Height	numeric (10,2)	number 8.2
MA	POC	2 digit code	must exist on table
	Open Path Number	2 digit code	must exist on table
	Probe Height	numeric (10,2)	number 8.2
	Horizontal Distance	numeric (10,2)	number 8.2
	Vertical Distance	numeric (10,2)	number 8.2
MF	Number of Samples	12 digits	number 12.0
MG	Tangent Street Number	12 digit number	must exist on table
	Distance From Monitor	numeric (10,2)	number 8.2
MH	Distance To Monitor	numeric (10,2)	number 8.2
	Height of Obstruction	numeric (10,2)	number 8.2
RA	Year Represented	numeric 4 digits	date - YYYY
Format Notes:			
	* (X,Y) where X = total number of digits, Y = number of digits to right of decimal point		
	** A.B where A = number of digits to left of decimal point & B = number of digits to right of decimal po		
	☛ So numeric (10,2) = number 8.2		

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